



Quantum Dot Semiconductor Optical Amplifiers - Physics and Applications

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Publication date:
2004

Document Version
Publisher's PDF, also known as Version of record

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Citation (APA):
Berg, T. W. (2004). *Quantum Dot Semiconductor Optical Amplifiers - Physics and Applications*. Technical University of Denmark.

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Quantum Dot Semiconductor
Optical Amplifiers
Physics and Applications
Ph.D. Thesis, June 2004
Research Center COM

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Cover: G. Design
Portrait: Lasse Rusborg

Printed in Denmark 2005
by Salogruppen A/S, Glostrup

ISBN 87-90974-70-0



RESEARCH CENTER COM
TECHNICAL UNIVERSITY OF DENMARK
DTU - BUILDING 345V
DK-2800 KGS. LYNGBY - DENMARK

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Physics and Applications

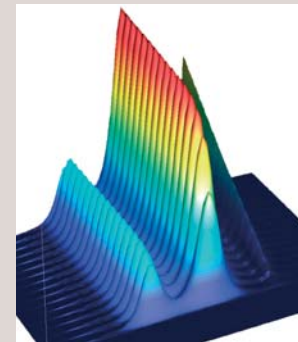


Tommy W. Berg

Tommy W. Berg started his engineering studies at the Technical University of Denmark in 1995 and received a Master of Science degree in electrical engineering in 2000. During this time Tommy specialized in optical communication and semiconductor physics. The studies included a 7 month visit to University of California, Santa Barbara where he worked with Prof. Daniel Blumenthal and co-workers on experimental and theoretical characterisation of semiconductor quantum dots.

In 2000 Tommy began pursuing the Ph.D. degree at COM, Technical University of Denmark on the topic 'Optoelectronic components based on quantum structures'. During this period the work focused on the investigation of the properties of quantum dot based semiconductor optical amplifiers and the degree was received in 2004.

After the Ph.D. studies Tommy has been employed at COM as an assistant Professor, where the work from the Ph.D. has been continued.



TOMMY W. BERG QUANTUM DOT SEMICONDUCTOR OPTICAL AMPLIFIERS
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